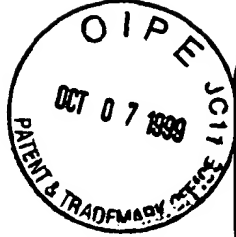


GP 2734

Please type a plus sign (+) inside this box → ☐PTO/SB/21 (6-98)
Approved for use through 09/30/2000. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/356,845	
	Filing Date	July 19, 1999	
	First Named Inventor	Kaewell, Jr. et al.	
	Group Art Unit	2734	
	Examiner Name	Not Yet Known	
Total Number of Pages in This Submission	9	Attorney Docket Number	I-1-50.5US

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below) <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">Form PTO-1449</div>
<div style="display: flex; justify-content: space-between;"> <div>Remarks</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);"> OCT 12 1999 TC 21 20 11:00 AM RECEIVED </div> </div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	Jeffrey M. Glabicki, Esquire VOLPE and KOENIG, P.C.	Reg. No. 42,584
Signature	<i>Jeffrey M. Glabicki</i>	
Date	10/5/99	

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:			
			10/05/99
Typed or printed name	Jeffrey M. Glabicki, Esquire		
Signature	<i>Jeffrey M. Glabicki</i>	Date	10/5/99

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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**FEE TRANSMITTAL
for FY 1999**

Patent fees are subject to annual revision.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT \$ 0.00

Complete if Known

Application Number	09/356,845
Filing Date	July 19, 1999
First Named Inventor	Kaewell, Jr. et al.
Examiner Name	Not Yet Known
Group / Art Unit	2734
Attorney Docket No.	I-1-50.5US

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to:

☐ charge the fees indicated hereonDeposit
Account
Number
Deposit
Account
Name

22-0493

VOLPE and KOENIG, P.C.

☒ Charge Any Deficiency or Credit Any
Overpayment in the Total Fees
Associated with this Communication

Our Order No. 705

2. ☐ Payment Enclosed:☐ Check ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 760	201 380	Utility filing fee	
106 310	206 155	Design filing fee	
107 480	207 240	Plant filing fee	
108 760	208 380	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) 0.00

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	**=	X	
Multiple Dependent	**=	X	

**or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
103 18	203 9	Claims in excess of 20	
102 78	202 39	Independent claims in excess of 3	
104 260	204 130	Multiple dependent claim, if not paid	
109 78	209 39	** Reissue independent claims over original patent	
110 18	210 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) 0.00

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet.	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 380	216 190	Extension for reply within second month	
117 870	217 435	Extension for reply within third month	
118 1,360	218 680	Extension for reply within fourth month	
128 1,850	228 925	Extension for reply within fifth month	
119 300	219 150	Notice of Appeal	
120 300	220 150	Filing a brief in support of an appeal	
121 260	221 130	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,210	241 605	Petition to revive - unintentional	
142 1,210	242 605	Utility issue fee (or reissue)	
143 430	243 215	Design issue fee	
144 580	244 290	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Petitions related to provisional applications	
126 240	126 240	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 760	246 380	Filing a submission after final rejection (37 CFR 1.129(a))	
149 760	249 380	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify) _____

Other fee (specify) _____

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) 0.00

SUBMITTED BY

Typed or Printed Name Jeffrey M. Glabicki, Esquire

Signature

[Signature]

Date 10/5/99

Complete (if applicable)

Reg. Number 42,584

Deposit Account 22-0493

User ID VOLPE and KOENIG, P.C.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#4

In the **PATENT APPLICATION** of:

Kaewell, Jr. et al.

Application No.: 09/356,845

Our File: I-1-50.5US

Filed: July 19, 1999

Date: October 5, 1999

For: BASE STATION EMULATOR**Group:** 2734**Examiner:** Not Yet KnownRECEIVED
OCT 12 1999
TC 2700 MAIL ROOM**INFORMATION DISCLOSURE STATEMENT**Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Further to applicant's Duty of Disclosure pursuant to 37 C.F.R. § 1.56, applicant wishes to bring to the Examiner's attention the material cited on the enclosed PTO-1449 form. This application is a continuation of Application No. 08/796,973, filed on February 7, 1997, which issued as U.S. Patent No. 5,930,297, which is a continuation of Application No. 08/588,073, filed on January 17, 1996, which issued as U.S. Patent No. 5,625,653, which is a continuation of Application No. 08/347,835, filed on December 1, 1994, which issued as U.S. Patent No. 5,495,508, which is a continuation of Application No. 08/104,322, filed on August 9, 1993, which is a continuation of Application No. 07/438,618, filed November 20, 1989, which is a continuation of Application No. 07/123,395, filed November 20, 1987, which issued as U.S. Patent No. 4,953,927.

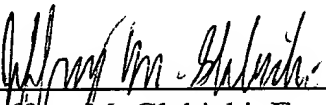
Applicant: Kaewell, Jr. et al.
Application No.: 09/356,845

Pursuant to 37 C.F.R. § 1.98(d) copies of documents cited in the parent application are not enclosed, but copies will be provided upon request. These documents are identified on the PTO-1449 form by an asterisk (*).

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating his consideration of the cited materials.

Respectfully submitted,

Kaewell, Jr. et al.

By 
Jeffrey M. Glabicki, Esquire
Registration No. 42,584
(215) 568-6400

VOLPE and KOENIG, P.C.
400 One Penn Center
1617 John F. Kennedy Boulevard
Philadelphia, PA 19103

JMG/lma
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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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ATTY. DOCKET NO.
I-1-50.5USSERIAL NO.
09/356,845APPLICANT
Kaewell, Jr., et al.FILING DATE
7/19/99GROUP
2734

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA*	3	2	3	0	4	5	8	1/66	Strangeland	325	410	
	AB*	4	0	3	1	3	3	0	6/77	Van Leeuwen	179	41	
	AC*	4	0	7	1	7	1	1	1/78	Beaufore et al.	320	95.2	
	AD*	4	2	5	1	8	6	5	2/81	Moore et al.	370	95.2	
	AE*	4	2	5	3	1	8	8	2/81	Gable	375	110	
	AF*	4	3	9	7	0	1	9	8/83	Alvarez et al.	370	104.1	
	AG*	4	4	1	4	6	6	1	11/83	Karlstrom	370	95	
	AH*	4	4	7	0	1	4	1	9/84	Takada	455	51.1	
	AI*	4	5	1	0	5	9	5	4/85	Glance et al.	370	32	
	AJ*	4	6	3	0	3	1	4	12/86	Smith	455	52	
	AK*	4	6	3	7	0	3	6	1/87	Kobari	375	76	
	AL*	4	6	3	9	9	1	4	1/87	Winters	455	54.1	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	AM*	1	5	0	6	7	1	0	4/78	United Kingdom	HO4B	7/15		
	AN*	2	0	9	5	5	1	6	3/82	United Kingdom	HO4J	3/05		
	AO*	8	6	0	6	9	1	5	11/86	PCT	HO4Q	7/04		
	AP*	0	1	5	6	7	6	5	2/85	EPO	HO4B	7/26		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER										DATE CONSIDERED				

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PATENT AND TRADEMARK OFFICEAPPLICANT
Kaewell, Jr., et al.INFORMATION DISCLOSURE
STATEMENT BY APPLICANTFILING DATE
7/19/99GROUP
2734

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AQ*	4	6	4	4	5	3	4	2/87	Sperlich	390	95	
	AR*	4	6	5	6	6	5	3	4/87	Oda et al.	379	61	
	AS*	4	6	7	5	8	6	3	6/87	Paneth et al.	370	50	
	AT*	4	7	5	4	4	5	0	6/88	Lynk, Jr. et al.	370	29	
	AU*	4	7	7	9	2	6	2	10/88	Avis et al.			
	AV*	4	7	8	5	4	5	0	11/88	Bolgiano et al.	370	95	
	AW*	4	7	8	5	6	8	0	11/88	Bolgiano et al.	455	34x	
	AX*	4	7	8	8	6	8	1	11/88	Thomas et al.	370	100	
	AY*	4	8	1	1	4	2	0	3/89	Avis et al.	455	51	
	AZ*	4	8	1	7	0	8	9	3/89	Paneth et al.	370	95	
	BA*	4	8	2	5	4	4	8	4/89	Critchlow	375	8	
	BB*	4	8	8	2	7	7	0	11/89	Miyahira et al.	455	603	
	BC*	4	9	7	4	0	9	9	11/90	Lin et al.	375	122	
	BD*	5	1	2	1	3	9	1	6/92	Paneth et al.			
	BE*	5	1	3	4	7	1	0	7/92	Akerberg			
	BF*	5	2	5	8	9	8	1	10/91	Dayey et al.			
	BG	5	6	5	7	3	2	3	8/97	Jan et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	BH*	8	4	0	0	4	5	5	2/84	PCT	HO4B	1/56		
	BI*	2	5	9	9	2	0	2	5/86	France	HO4B	3/60		
	BJ*	0	1	0	0	5	9	3	2/84	Europe				
	BK*	0	0	7	7	2	1	6	4/83	Europe				

EXAMINER

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APPLICANT
Kaewell, Jr., et al.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

FILING DATE
7/19/99

GROUP
2734

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
		YES	NO											
	BL*	0	3	4	7	3	9	6		EPO				
	BM*	3	1	1	8	0	1	8	11/82	Germany	HO4Q	7/04		
	BN*	3	4	2	3	6	4	0	6/84	Germany	HO4B	7/26		
	BO*	3	4	2	3	7	8	0	6/84	Germany	HO4H	3/00		
	BP*	0	3	1	2	6	9	0	5/88	EPO	HO4B	7/26		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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